Fig.3

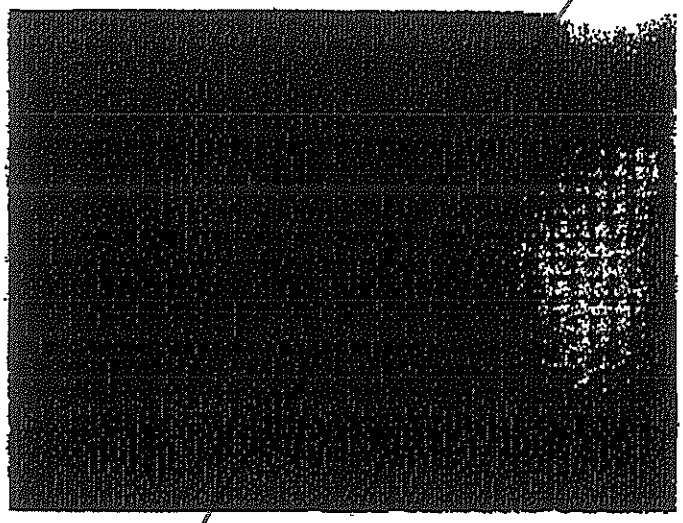


Fig.1

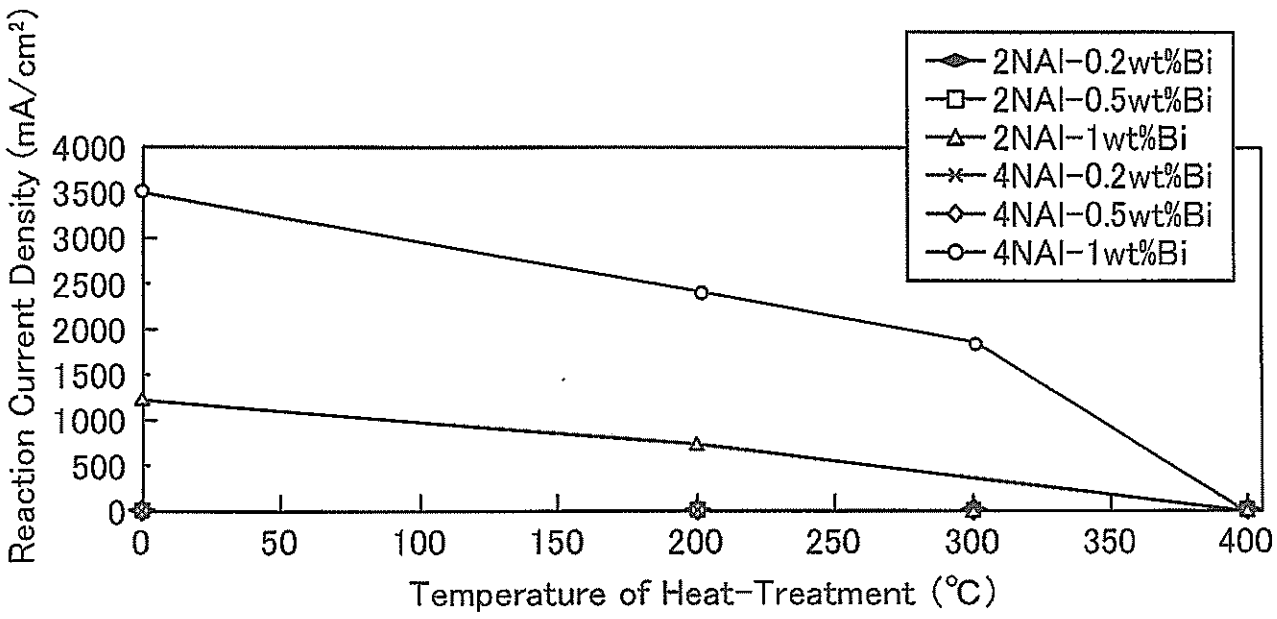

Reaction Current Density (mA/cm²)
4000
3500
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
350
400
Temperature of Heat-Treatment (℃)
2NAl-0.2wt%Bi
2NAl-0.5wt%Bi
2NAl-1wt%Bi
4NAl-0.2wt%Bi
4NAl-0.5wt%Bi
4NAl-1wt%Bi

Fig.2

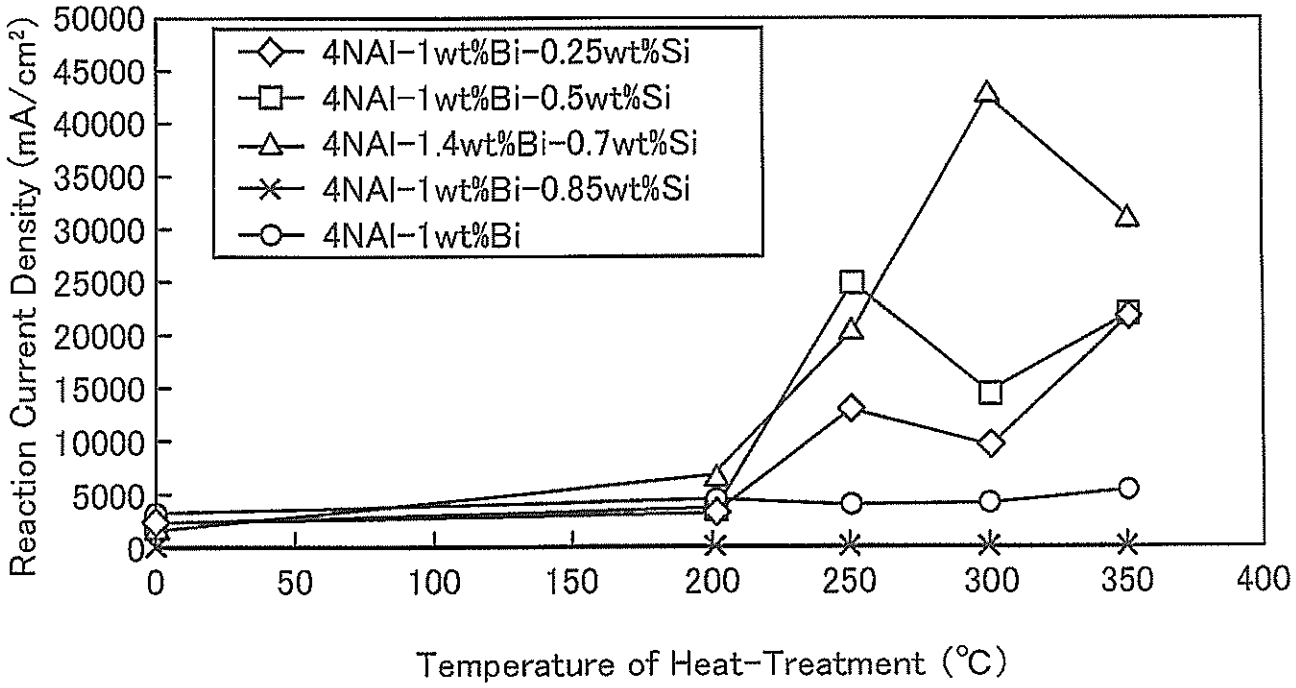

Reaction Current Density (mA/cm²)
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
0
50
100
150
200
250
300
350
400
Temperature of Heat-Treatment (℃)
4NAl-1wt%Bi-0.25wt%Si
4NAl-1wt%Bi-0.5wt%Si
4NAl-1.4wt%Bi-0.7wt%Si
4NAl-1wt%Bi-0.85wt%Si
4NAl-1wt%Bi

Fig.3

